

New Perspectives 2020



FSPA

Fermilab Student &
Postdoc Association

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Contact

Primary points of contact:

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More details on indico: <https://indico.fnal.gov/event/23110/overview>

New Perspectives 2020: Installments

- Overwhelmed with interesting and important abstracts this year
 - 90 Abstracts when we had timetabled for 44 talks...
- Splitting up New Perspectives into two installments
 - **Second to be held on: August 24th and 25th.**
 - All abstracts will be invited to present at one installment (but let us know that you want to).
 - Registration to the second installment is automatic
 - Indico here: <https://indico.fnal.gov/event/44451/>
 - Get in touch if you want to present!

New Perspectives 2020: July Installment

- 48x12 minute talks
- Two days
- 4.5 hours of breaks!
- 1 virtual Pub Quiz

Mon 20/7		
08:00		
	Welcome	08:40 - 09:00
09:00	The CMS muon upgrade in preparation of the HL-LHC	Mr Aashaq Shah
	Search for pair production of top squarks decaying to a top quark and light-flavor jets	Joshua Hillbrand
	Search for a Light Pseudoscalar Higgs Boson with Boosted Topologies at CMS	Grace Haza
	Event Generation with GPUs	Joshua Isaacson
10:00	Benchmarking New Hardware For Machine Learning In Particle Physics	Stefano Vergani
	Monday Morning Break	10:15 - 10:45
	The future of DUNE in 10 minutes.	Miquel Nebot Guihot
11:00	Measuring electron drift-velocity in ProtoDUNE-SP using anode-anode crossing cosmic ray muon tracks	Mr Ajib Paudel
	The future of ANNIE in 10 minutes	Michael Nieslony
	First Neutron Capture Results In ANNIE	Dr Leon Pickard
	SBND In 10 Minutes	Dominic Barker
12:00	Solving the Sterile Neutrino Puzzle with ICARUS	Justin Mueller

Presentations

- **Presenting:**

- Speaker will share their screen
- If the Speaker has any issues, the one of the co-hosts can share instead (if they are uploaded).
- If you have the bandwidth, it is also nice if you share your video, but not necessary.

- **Slides:**

- Upload before the start of the day of your talk
- I will be pestering by email if they are not!

- **Questions:**

- Raise hands in zoom
- Chair will call on members of the audience to ask their question.

Presentations

- **Time-keeping:**

- If it looks like the talk might go over, Session chairs will notify time left via zoom chat.
- Speakers, if you see this, acknowledge it out loud (we appreciate that this will be hard).
- If this doesn't happen, you may be interrupted by the chair.
- **Schedule is tight, please keep to 12 minutes.**

- **Recording:**

- We will not record all talks, but if you want us to record your talk, we can.
- Recording of Fermilab events requires prior-signed AV release: [Find form here.](#)
- Send us the form before your session.

Presentations

- **Prizes:**
 - Amazon vouchers up for grabs for 1st, 2nd, and 3rd place in each of two categories
 - Most accessible talk for non-experts
 - Best plot (Aesthetic, or novel information presentation)
 - Nominated by session chairs
 - Signed certificates!

Slack Channel

- **Workspace:**

- You should have received an invite to the New Perspectives 2020 Workspace:
- Get in touch if not

- **Channels:**

- Will start in **#general**, if it is being used, then we will make per-session channels and advertise them on **#general**.













Trivia Night

- Tonight at 6:30 pm CDT, there will be a virtual 'Pub Quiz'
 - Hosted by our resident quiz-master, Mike Wallbank
 - Using the same Zoom connection information as the sessions.
- **Teams:**
 - Randomly allocated by the Zoom RNG into breakout rooms
 - If you are uncomfortable being in a team with someone, email Luke (picker24@msu.edu) or Maria (mcasales@iastate.edu).
 - Questions will be read out loud and posted to zoom chat and slack.
 - Clarifications via slack!
- **Amazon vouchers up for grabs!**

Fermilab Community Standards

- Can be found [here](#).
- Covers all of New Perspectives:
 - Hosts, Presenters, Questioners, Session Chairs, Slack, and Trivia night
- If you see any violations against you or others:
 - Report them to us or Fermilab HR (ask Users office for who your HR rep is)

We are one Fermilab

-  Everyone is worthy of respect
-  Encourage discussion
-  Genuinely listen
-  Collaborate
-  Respect the messenger
-  Have courage
-  Own your voice
-  Be kind
-  Fresh perspectives lead to innovation
-  Encourage others to speak
-  Own it, mistakes happen
-  Share the air



New

~~Fresh~~ perspectives lead to innovation

Any Questions?
